



#8

SEQUENCE LISTING

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i21

<140> 09/976,618
<141> 2001-10-12

<150> 09/603,830
<151> 2000-06-26

<150> 09/344,667
<151> 1999-06-25

<150> 09/240,755
<151> 1999-01-29

<150> PCT/US97/12783
<151> 1997-07-21

<150> 60/031,809
<151> 1996-07-29

<150> 60/200,161
<151> 2000-04-26

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synthetic sequence

<400> 1
aaacgactct agcgcgtata

20

<210> 2
<211> 20
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<220>
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synthetic sequence

<400> 2
atggcaacta tacgcgctag 20

<210> 3
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aacttgcgct aatggcga 18

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aagttgcgtt acggctaa tgcgca

26

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synthetic sequence

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15

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<210> 11
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<212> DNA
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cctatcgacc atgct 15

<210> 13
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agcatggtcg ataggaaacg actctagcgc 30

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gcgcctagagt cgttt 15

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agcatggtcg ataggatggc aactatacgc 30

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<210> 18
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agcatgtttg atagggaaacg actctagcgc 30

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cgcatcagg at 12

<210> 21
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<210> 22
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<210> 24
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24

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23

<210> 26
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25

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synthetic sequence

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24

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synthetic sequence

<400> 28
taggacttac gc 12

<210> 29
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tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg 48

<210> 30
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<400> 30
tgcattgttgc cctcgatcc acgg 24

<210> 31
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<400> 31
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atcctgaatg cg 72

<210> 32
<211> 48
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<400> 32
gttgtccgtt aagcgtccaa tatatgcgtt attgcctcgat cttaacgg 48

<210> 33
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<400> 33
tctcaactcg ta 12

<210> 34
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<400> 34
tagcagttga gaatcctgaa tgcg 24

<210> 35
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<400> 35
cgcattcagg at 12

<210> 36
<211> 141
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<400> 36
ggccgatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggtct 141

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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
<211> 15
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
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tgagcctcct taactactga ctcatccgcc 30

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synthetic sequence

<400> 40
tgttgacgaa ttaattactt ctcta 25

<210> 41
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synthetic sequence

<400> 41
tataaccctg gataatattt ttcttat 27

<210> 42
<211> 29
<212> DNA
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<400> 42
aagccttca gtatcttcaa tttctacaa 29

<210> 43
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<213> Artificial Sequence

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<400> 43
tctcaactcg taaaaaaaaaa aa 22

<210> 44
<211> 24
<212> DNA
<213> Artificial Sequence

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<400> 44
tacgagttga gaatcctgaa tgcg 24

<210> 45
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<212> DNA
<213> Artificial Sequence

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<400> 45
aaaaaaaaaaa cgcattcagg at 22

<210> 46
<211> 22
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synthetic sequence

<400> 46
tctcaactcg taaaaaaaaaa aa

22

<210> 47
<211> 22
<212> DNA
<213> Artificial Sequence

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synthetic sequence

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aaaaaaaaaaa cgcattcagg at

22

<210> 48
<211> 24
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<213> Artificial Sequence

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synthetic sequence

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tacgagttga gaatcctgaa tgcg

24

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synthetic sequence

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ctacttagat ccgagtgccc acat

24

<210> 50
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cgcattcagg at 12

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synthetic sequence

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aaaaaaaaaa aaaaaaaaaa cgcattcagg at 32

<210> 52
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synthetic sequence

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atcctgaatg cg 12

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atcctgaatg cg 12

<210> 55

<211> 20
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aaaaaaaaaaaa aaaaaaaaaa 20

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<400> 56
ggattattgt taattattga taaggat 27

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taacaatnat cc 12

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<400> 58
atccttatca atatt 15

<210> 59
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synthetic sequence

<400> 59
tctcaactcg ta 12

<210> 60
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synthetic sequence

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tagcagttga gaatcctgaa tgcg 24

<210> 61
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<212> DNA
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synthetic sequence

<400> 61
gcgtaagtcc taacgtacta acggaggcata attgccagag ttgagcat 48

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synthetic sequence

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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synthetic sequence

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tgcatgattg cctcgcttta acgg 24

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synthetic sequence

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48